PATCH

FILEID**BSTRUC

```
BBBBBBBB      SSSSSSSS  TTTTTTTTTT  RRRRRRRR   UU       UU    CCCCCC
BBBBBBBB      SSSSSSSS  TTTTTTTTTT  RRRRRRRR   UU       UU   CCCCCCCC
BB      BB  SS              TT      RR      RR  UU       UU  CC
BB      BB  SS              TT      RR      RR  UU       UU  CC
BB      BB  SS              TT      RR      RR  UU       UU  CC
BB      BB  SS              TT      RR      RR  UU       UU  CC
BBBBBBBB      SSSSSS        TT      RRRRRRRR   UU       UU  CC
BBBBBBBB      SSSSSS        TT      RRRRRRRR   UU       UU  CC
BB      BB          SS      TT      RR  RR      UU       UU  CC
BB      BB          SS      TT      RR  RR      UU       UU  CC
BB      BB          SS      TT      RR    RR    UU       UU  CC
BB      BB          SS      TT      RR    RR    UU       UU  CC                    ....
BBBBBBBB  SSSSSSSS        TT      RR      RR  UUUUUUUUUU  CCCCCCCC  ....
BBBBBBBB  SSSSSSSS        TT      RR      RR  UUUUUUUUUU  CCCCCCCC  ....

RRRRRRRR   EEEEEEEEEE   QQQQQQ
RRRRRRRR   EEEEEEEEEE   QQQQQQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RR      RR  EE          QQ      QQ
RRRRRRRR   EEEEEEE      QQ      QQ
RRRRRRRR   EEEEEEE      QQ      QQ
RR   RR     EE          QQ  QQ  QQ
RR   RR     EE          QQ  QQ  QQ
RR     RR   EE          QQ      QQ
RR     RR   EE          QQ      QQ
RR       RR  EEEEEEEEEE     QQQQ  QQ
RR       RR  EEEEEEEEEE     QQQQ  QQ
```

```
!        BSTRUC.REQ - BASED STRUCTURE DECLARATIONS FILE
!
! Version:       'V04-000'
!
!*******************************************************************************
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!*******************************************************************************
!

EXTERNAL ROUTINE ACCESS_CHECK: WEAK;
LITERAL NULL = 0;

!
!
!        THIS MACRO IS FOR DEBUGGING PURPOSES ONLY !
!        IT SHOULD BE A NO-OP ULTIMATELY.
!
!
MACRO BS_DEBUG = 0%;



MACRO DISPOSE(SNAME,P)
=
        FREERELEASE(.(P), %NAME (%STRING(SNAME),'_', 'ALLOC'));
        (P) = NULL;
%;

MACRO NEW(SNAME,P)
=
        (P) = FREEZ(%NAME (%STRING(SNAME), '_', 'ALLOC'))
%;

MACRO BASED1(NAME)
        [FFIELD,OFFSET,POS,SIZE,SIGN]
=
```

```
        MACRO %QUOTE %NAME(%STRING(NAME),'_',%STRING(FFIELD)) (PTR)
        =
        BLOCK[ (              IF BS_DEBUG
                              THEN ( IF (PTR) EQL NULL
                                     THEN ACCESS_CHECK()
                                     ELSE (PTR))
                              ELSE (PTR)),
                                     OFFSET,POS,SIZE,SIGN]
         %QUOTE %
%;

MACRO BASED_STRUCTURE(NAME,ENTRY_SIZE) []
=
        LITERAL   %NAME (%STRING(NAME), '_','ALLOC') = ENTRY_SIZE ;
        BASED1 (NAME,%REMAINING) %;

!
!       BSTRUC.REQ - LAST LINE
```

PASWRIREH
LIS

PASWRITEL
LIS

PASWRIREG
LIS

PATDEF
MDL

PASWRISTR
LIS

PATCH

PASWRIREF
LIS

PATCH
MAP

SRMDEF
MDL

PASWRIRFH
LIS

PASWRIVAR
LIS

PASWRIRED
LIS

PASWRIUNS
LIS

PASWRIINT
LIS

PASWRIOCT
LIS

PASWRIRFG
LIS

BSTRUC
REQ

PASWRIRFF
LIS

CHRKEY
REQ

PASWRIRFD
LIS